

WESTON SOLUTIONS, INC.		SOIL BORING LOG				
Project	Turkey Brook		Boring ID	SB-01	Groundwater Levels	
Location	Oakville, Connecticut		Well ID	NA	Date	Depth
Date Drilled	November 20, 2013		Drilling Method	Direct Push	NA	NA
Drilling Company	U.S. EPA OEME*		Sampling Method	4-ft. Macrocore		
Operator	Jerry Keefe/Dan Granz		Completion Depth	12 feet bgs		
Drill Rig	Geoprobe		Surface Elevation	NA		
Logged by	George Mavris - Weston, Superfund Technical Assessment and Response Team (START)					
Depth (ft bgs)	Macrocore Number	Recovery (inches)	Soil Description (Burmister System)			PID Screen (ppm)**
1_	1	28	0 - 2" Dark brown, fine SAND and SILT, trace roots (topsoil). Moist.			Top = 0 Bottom = 0 Length = 0
2_			2 - 21" Dark brown, fine-to-medium SAND, trace fine gravel (coal-like fragments and metal), silt, and roots. Moist. [Fill].			
3_			21 - 24" Grayish-white, fine GRAVEL, little medium sand. Dry. [Fill].			
4_			24 - 28" Dark brown, fine SAND, trace fine gravel and silt. Moist. [Fill].			
5_	2	34	0 - 1" Grayish-brown, fine SAND, trace fine gravel. Moist. [Fill].			Top = 0 Bottom = 0 Length = 0.6
6_			1 - 5" *** Black, fine SAND, trace silt. PID = 0.6 ppm. No odor. [Fill].			
7_			5 - 20" Reddish-brown and blackish-brown, fine-to-coarse SAND, some coarse-to-fine gravel (SubA), trace silt. Very moist. [Fill].			
8_			20 - 23" Light gray, coarse GRAVEL (SubA, granitic). Dry. [Fill].			
9_	3	46	0 - 6" Brown, fine GRAVEL, some coarse-to-medium sand, trace silt. Very moist. [Fill].			Top = 0 Bottom = 0 Length = 0
10_			6 - 46" Brown, fine-to-medium SAND, little fine gravel, trace silt. Very tight. [Fill].			
11_						
12_						
- End of Boring at 12 feet bgs -						
<div><div><div>Notes:</div><div>bgs = below ground surface</div><div>ft = feet</div><div>ppm = parts per million</div><div>NA = Not Applicable</div><div>SubA = subangular</div><div>PID = Photoionization Detector</div></div><div><div>PROPORTIONS USED</div><div>(BY DRY WEIGHT)</div><div>0 to 10% = Trace</div><div>&gt;10 to 20% = Little</div><div>&gt;20 to 35% = Some</div><div>&gt;35 to 50% = And</div><div>&gt; 50% = Major</div></div></div> <div><div>* United States Environmental Protection Agency, Office of Environmental Measurement and Evaluation</div><div>** MultiRAE Plus Systems multi-gas photoionization detector calibrated to 100 ppm isobutylene, 50 ppm carbon monoxide, 25 ppm hydrogen sulfide, 20.9% oxygen, and 50% methane.</div><div>*** Soil sample SB-01 collected from 1 to 5-inch interval from Macrocore No. 2 (4 - 8 feet). PID = 0.6 ppm.</div></div> <div>Analytical results for Total Petroleum Hydrocarbons (C9 - C36) = 300 milligrams per kilogram (mg/Kg).</div>						